

NWS Form E-5 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS	HYDROLOGIC SERVICE AREA: Pocatello, Idaho
	REPORT FOR: MONTH: June YEAR: 2007
TO: Hydrologic Operations Division, W/OH2 National Weather Service National Oceanic and Atmospheric Administration Silver Spring, Maryland 20910	SIGNATURE Sherrie Hebert Service Hydrologist
	DATE: July 6, 2007
When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (NWS Instruction 10-924).	

X	An X in this box indicates that no flooding has occurred for the month within this hydrologic service area.
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Eastern Idaho experienced one day of good rain and heat for the rest of the month. With a dry winter behind and the dog days of summer ahead, the remaining 2007 Water Year looks bleak.

Other Hydrologic Interests

Precipitation

Record-breaking rain fell on June 6 for some southern Idaho stations. Pocatello received 1.45” of rain, nearly two months worth of precipitation in one day, and made some record-breaking history. The 1.45” of rain smashed the old record of 0.48” set in 1993 and now ranks as the greatest one-day precipitation total, which was set in 1.05” set in 1948. The two-day precip total of 1.85” for Pocatello ranked a close second behind 1948’s record of 1.86”. Burley and Stanley ASOS stations also set daily precip records for the month: Burley’s 0.48” of rain broke the June 6 precipitation record of 0.47” set in 1953 and Stanley’s June 10 rainfall of 0.41” broke the 1966 record of 0.29”

The entire HSA received an average of 47.13% of normal precipitation in June for 31 of 56 reporting stations with climate data, according to Western Region Climate Center data. Only four stations received greater-than-normal amounts, most of which fell within the first week of June: Pocatello at 207%, Massacre Rocks at 206%, Blackfoot at 157% and Burley ASOS with 107%.

River Levels & Snowpack

River levels across the Pocatello HSA were below normal due to the early loss of mountain snowpack and an exceptionally dry spring. The early-June rainfall left only a slight impression on river levels as they returned to below normal within few days.

Reservoirs

The Upper Snake River reservoir system is at 59% of capacity¹, down 20% from June 6, 2007².

Reservoir	% Capacity May 31 ³	% Capacity June 30 ⁴	Percent Change	% of Average ⁴	% of Last Year ⁴
American Falls	77	51	-26	64	59
Bear Lake	46	46	0	60	107
Blackfoot	55	47	-8	59	79
Henry's Lake	96	95	-1	96	97
Island Park	99	74	-25	78	76
Little Wood	65	93	28	111	96
Mackay	84	65	-19	80	65
Magic	73	50	-23	67	50
Oakley	60	47	-13	88	61
Palisades	80	59	-21	64	61
Ririe	80	75	-5	87	77
Lake Walcott	97 ²	101 ¹	4	n/a	n/a
Milner	97 ²	99 ¹	2	n/a	n/a

Source: (1) US Bureau of Reclamation (BOR), July 5, 2007; (2) BOR, June 6, 2007; (3) NRCS, May 31, 2007; (4) NRCS, June 30, 2007.

Drought

Drought Monitor classifications did not change over the month with Southern Idaho and the Central Mountains in "Moderate Drought", D1, and the remainder of Eastern Idaho "Abnormally Dry", DO. However, six counties were added to the Idaho Drought Emergency Declarations in June. The comprehensive list follows. Note that 10 of the 11 counties are in Pocatello's HSA, with the exception being Lemhi County.

County/Area	Date Declared
Bingham County	June 29, 2007
Jefferson County	June 29, 2007
Lincoln County	June 29, 2007
Madison County	June 29, 2007
Teton County	June 13, 2007
Blaine County	June 6, 2007
Fremont County	May 29, 2007
Lemhi County	May 15, 2007
Clark County	May 15, 2007
Custer County	March 15, 2007
Butte County	March 12, 2007

June 2007 Hydrologic Product Summary

The following hydrologic products were issued in June.

Product	Number Issued
Flash Flood Warning	0
Flash Flood Statement	0
Flood Watch for Flash Flooding	0
Flood Warning	0
Flood Statement	0
Flood Watch for Flooding	0
Urban and/or Small Stream Flood Advisory	0
Hydrologic Outlook	0
Hydrologic Statement	2
NOW or Special Weather Statement (with information related to flooding)	0

cc: Daniel Matusiewicz, Western Region WFO Hydrology Program Manager
Harold Opitz, Hydrologist in Charge, Northwest River Forecast Center
Hydrometeorological Information Center
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Drought Monitor Mailing List
Pocatello WFO Forecasters and HMTs